



In re the Application of

Takamitsu HIGUCHI et al.

Application No.: 09/963,457

Filed: September 27, 2001

Docket No.: 110715

For: SURFACE ACOUSTIC WAVE ELEMENT, FREQUENT FILTER, FREQUENCY OSCILLATOR, ELECTRONIC CIRCUIT AND ELECTRONIC MACHINE

*Procedurally
C. Hickson
J-27-02*

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 8, 9 and 11 as follows:

8. (Amended) A frequency filter including: a first electrode formed on the piezoelectric layer equipped with any one of the surface acoustic wave elements of claim 1; and a second electrode which is formed on said piezoelectric layer and which converts to an electrical signal by resonating to a specific frequency or a frequency of a specific band of a surface acoustic wave generated in said piezoelectric layer by an electrical signal applied to said first electrode.

9. (Amended) A frequency oscillator including: an electrical signal application electrode which is formed on the piezoelectric layer equipped with any one of the surface wave acoustic elements of claim 1 and which generates a surface acoustic wave in said piezoelectric layer according to an applied electrical signal; and a resonance electrode which is formed on said piezoelectric layer and which resonates a specific frequency component or a frequency component of a specific band of the surface acoustic wave generated by said electrical signal application electrode.

09/963,457

11